Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 08 Aug 2023 until 23:59 on Wednesday 09 Aug 2023

Forecast Issued on Monday 07 Aug 2023 at 14:00

Confidence: High for the continuing unsettled theme, although less so than of late. Also high for increasing temperatures later this week. Moderate for the northern boundary of rain on Tuesday.

Headline for Tuesday 08 Aug 2023: Largely cloudy, with some rain in the south.

Mountain weather hazards on Tuesday 08 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Fog	Cloudy	Cloudy	Cloudy	Sunny intervals	Clear night
Precipitation probability							
10%	10%	10%	30%	30%	30%	10%	<05%

Forecast for Tuesday 08 Aug 2023

Weather: Clear spells through the early hours, but with cloud thickening towards dawn. Rain and drizzle likely clipping the far southern parts of the Park. Some uncertainty as to the northern boundary of the rain, with much of the Park probably staying dry, perhaps with some sunny spells in the north. There is a risk, however, that rain and very low cloud could reach most parts during the day. Rain and cloud will start to pull away southwards later in the afternoon, clearing all areas during the evening.

Chance of cloud-free hill tops above 600m: 70% in the north, 30% in the south. Becoming 100% during the evening.

Low cloud and visibility: Areas of low cloud, base 300-500m in the south. Patches of cloud, base 500-600m in the north. Visibility moderate to poor in rain and very poor in low cloud covering the hills, mainly in southern areas. Often good further north. Cloud clearing the north through the afternoon, and all areas during the evening. Risk of some fog patches in valleys later after cloud clears.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 08 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 SW	15/20 SW	11/15 SW	10/15 W	12/17 W	13/20 W	13/20 NW	11/18 W	10/16 W
300	11/17 SW	12/17 SW	9/14 SW	7/12 W	9/13 W	11/18 W	11/18 NW	8/14 W	7/11 W
Valley	6/14 SW	6/14 SW	5/11 SW	5/10 W	7/14 W	10/18 NW	10/18 NW	5/13 W	3/9 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/5	9/6	10/8	12/10	13/11	12/10	10/7	9/6
300	11/9	11/8	11/9	13/12	14/13	16/14	15/13	12/11	11/9
Valley	12/11	11/10	12/11	13/13	16/14	17/15	16/14	12/11	10/9
Freezing Level*	2200m	2200m	2300m	2300m	2400m	2200m	1900m	1800m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best chance of dry weather with higher cloud bases in the north. Feeling chilly at times on the higher summits, especially in the south where there may be some rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 07 Aug 2023	0.2mm	4.2mm	19.2mm

Forecast for Wednesday 09 Aug 2023

Weather: A dry and clear night, perhaps with some fog patches forming in valleys. A fine start with sunny spells, then increasing amounts of high cloud during the morning making the sunshine hazy. Cloud thickening in the afternoon, perhaps with some drizzly outbreaks later.

Maximum wind: Westerly 10-15 mph, gusting 20 mph.

Chance of cloud-free hill tops above 600m: 90% becoming 40% from late afternoon.

Low cloud and visibility: Largely clear skies during the early hours, apart from a few valley fog patches which will clear after sunrise. Areas of cloud developing later in the afternoon into the evening, with bases 400-500m. Visibility mostly good, although very poor in fog and later in low cloud covering the hills.

Temperature: **Valleys:** Plus 8 Celsius becoming plus 19 Celsius.
At 600m: Plus 10 Celsius becoming plus 15 Celsius.
Freezing level: Above the summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.